

MiTek Stock No.	Ref. No.	Steel Gauge	Dimensions		Fastener O.C. Spacing (in)	Fastener Schedule				Allowable Shear Loads (Lbs.)			Allowable Tension Loads (Lbs.) <sup>1</sup>					
			W (in)	Coil Length (ft)		Min Qty <sup>3,4</sup>			Type <sup>2,5</sup>	33 mil (20ga)	43 mil (18ga)	54 mil (16ga)	33 mil (20ga)	43 mil (18ga)	54 mil (16ga)	33 mil (20ga)	43 mil (18ga)	54 mil (16ga)
						33 mil (20ga)	43 mil (18ga)	54 mil (16ga)										
CMST12	CMST12	12	3	40'	1-3/4	106	72	36	#10	177	263	534	9318					
CMST14	CMST14	14	3	52-1/2'	1-3/4	76	52	26	#10	177	263	534	6630					
CMSTC16	CMSTC16	16	3	54'	1-1/2	54	36	18	#10	177	263	534	4715					
RS20-R	CS20-R	20	1-1/4	25'	1-1/2	12	8	8	#10	177	276	329	1045					
RS250	CS20			250'														
RS18-R	CS18-R	18	1-1/4	25'	1-1/2	16	12	8	#10	177	263	433	1375					
RS100	--			100'														
RS200	CS18			200'														
RS16-R	CS16-R	16	1-1/4	25'	1-1/2	20	14	8	#10	177	263	534	1732					
RS150	CS16			150'														
RS14-R	CS14-R	14	1-1/4	25'	1-1/2	30	20	10	#10	177	263	534	2612					
RS14-100	CS14			100'														

- 1) Allowable load is tension capacity of the strap based on the total quantity of screws installed in the strap to develop full tension strength.
- 2) Allowable loads are based on Grade 33 steel for 43 mil (18 ga) and thinner CFS members and Grade 50 steel for 54 mil (16 ga) and thicker CFS members.
- 3) Install half the total quantity of fasteners on each end of the strap to achieve full tension load of strap.
- 4) Minimum quantity of fasteners to be installed with equal fasteners at each end of the connection. Product may have additional holes not needed to meet the published allowable load of the strap.
- 5) #10 screws are self-drilling 0.190 inch diameter hardened washer-head screws with a minimum nominal shear strength of 1,650 pounds.